DEPARTMENT OF
ECOLOGY
State of Washington

DEQ
State of Oregon
Department of
Environmental
Quality

U.S. Department of
Homeland Security
United States
Coast Guard

Incident Report: Davy Crockett Emergency Response

(Information is considered to be accurate at the time of posting, but is subject to change as new information becomes available.)

Update as of July 19, 2011

Incident duration:	174 days
Personnel Currently Assigned	35 response contractors, federal & state
Injuries	0
Total oil water mixture recovered to date	1.6 million gallons*
Total steel removed	3.9 million pounds
Debris and oiled debris removed	738,202 pounds
Bunker oil recovered	13,334 gallons
Asbestos removed	4,850 pounds
Samples analyzed to date (e.g. water, oil sediment)	179
Obligated costs to date (including coffer dam construction)	$16.6 million
* This figure represents the amount of oily water mixture that has been recovered directly from the Barge Davy Crockett during response operations. An initial unrecovered release of an estimated 70 gallons of oil was documented on January 27, 2011 the day the vessel was discovered to be leaking oil.	

OPERATIONS UPDATE – July 19, 2011

Dive crews removed the tank tops off the port and starboard forward deep tanks on Tuesday, July 19 (see photo gallery). The two sections of metal removed weighed 23,500 pounds bringing the total amount of steel removed from the Davy Crockett to nearly four million pounds.

Divers also started to prep the bulkhead and side shells on the forward deep tanks for removal. Top-side crews pressure washed the steel removed from the vessel on Tuesday and transferred it to the clean metal-holding barge Mark 3.

ENVIRONMENTAL PROTECTION

All activities involving the destruction and removal of the Davy Crockett are designed to minimize environmental impacts. The impermeable oil and silt barrier inside the metal cofferdam along with sorbent oil collection booms have prevented tar balls and oil sheen from discharging into the Columbia River downstream of the work site. Oil containment boom is deployed outside the cofferdam as a preventative measure in case there is a release of oil from the work site. Additional on-water oil recovery resources and oil containment boom are staged nearby as further protection.

Water quality samples upstream, downstream and inside the cofferdam are being collected on a periodic basis in order to evaluate the effectiveness of work activities to minimize water pollution. After the Davy Crockett is removed, sediment samples will be collected inside the cofferdam to determine if sediment cleanup is needed before the cofferdam is removed.

Water and residual oil that is generated from pumping out holds and tanks of the Davy Crockett, plus wash water from cleaning operations and stormwater collected on the Davy Crockett and work barges is put through an on-site water filtration system. The filtered water is then stored on-site pending final disposal through the city of Portland's wastewater treatment system.

Close-up view of a tank top from one of the forward deep tanks removed from the Davy Crockett. (7/19/11)

The Washington Department of Ecology has taken responsibility for the cost of the wastewater storage and disposal of the filtered wastewater that will be generated during the rest of the project. Ecology decided to take this action rather than agree to the discharge of filtered water directly back into the river, an option preferred by the Coast Guard. While the Coast Guard has consistently maintained environmental protection as a priority, Ecology determined that storing this filtered wastewater and delivering it to an upland treatment system provided the highest level of protection of the river and is consistent with Washington State water quality program requirements.

DAVY CROCKETT HISTORY

The Davy Crockett is a former Navy Liberty Ship that was converted to a flat deck barge. As with many aging vessels, ownership has changed several times over the years. The most recent ownership change is believed to have occurred in mid-2010. The vessel is located on Washington state-owned aquatic lands.

For up to date information, refer to the Ecology website at:

http://www.ecy.wa.gov/programs/spills/incidents/DavyCrockett/DavyCrockett.html